

DEXP

MOTION SENSOR

SMART SM-01Z

USER MANUAL

DEAR CUSTOMER,

Thank you for choosing our products.

We are pleased to offer you appliances and devices designed and manufactured to the highest standards of quality, functionality, and design. Before using the device, please read this manual carefully. It contains important information regarding your safety, as well as recommendations for the proper use and care of the product. Please keep this manual in a safe place and use it as a reference guide during future operation of the product.

INTENDED USE

The motion sensor is designed to detect the movement of people or objects in a specific area and provide an alert.

SAFETY PRECAUTIONS

- The device is intended for use in residential premises only.
- Do not install the device near heat sources.
- Install the device in locations protected from direct sunlight.
- Do not expose the device to smoke, dust, water, or other liquids. Prevent mechanical damage to the device.
- Do not disassemble the device yourself to avoid electric shock. This device contains no user-serviceable parts. For repairs, contact an authorized service center.
- Use the device exclusively for the purposes specified in this manual.
- This device is not intended for commercial use.
- This device is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the device.

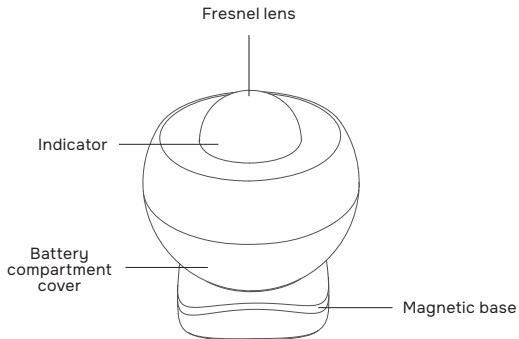
SPECIFICATIONS

- Model: SM-01Z.
- Trademark: DEXP.
- Power supply: CR123A battery, 3 V.
- Battery life: >1 year.
- Frequency range: 2.4 GHz.
- Operating temperature: -10 °C to +55 °C.
- Data transmission protocol: Zigbee.
- Wireless connection characteristics:
 - Wireless standard: IEEE 802.15.4.
 - Connection: 2.4G.
 - Frequency range: 2405–2480 MHz.
 - Transmitter power: <9 mW.
- Control app: Houself.
- Operating range: 8 m.
- Detection angle: 60°.
- Adjustable tilt angle: 120°.
- Installation height: 2.2 m.
- Scope of application: Domestic.

PACKAGE CONTENTS

- Device.
- CR123A battery.
- User manual.

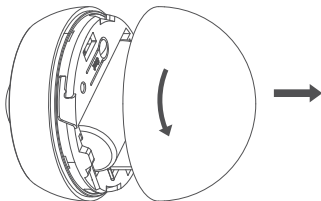
DEVICE DIAGRAM



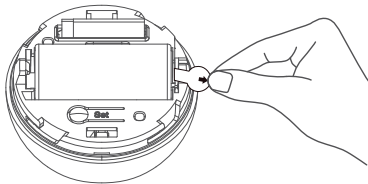
OPERATING INSTRUCTIONS

Power On

1. Unscrew the battery compartment cover by turning it counterclockwise.

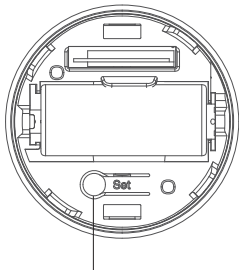


2. Remove the insulating sticker from the battery to turn on the device.



Smart Home Hub Connection

1. Press and hold the pairing button for 3 seconds and release it. The indicator will glow green for 3 seconds and then turn off, indicating a successful connection to the hub.



Pairing button

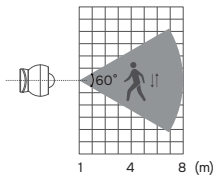
2. If the connection fails, the green indicator will turn off.

Device Operation

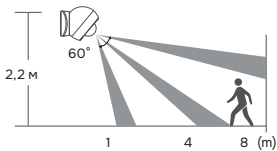
1. The red indicator will slowly flash for 1 minute while the device performs self-diagnostics.
2. After self-diagnostics, the device will enter test mode for 5 minutes. If motion is detected, the indicator will light up red, and a notification will be sent to the app.
3. During device operation, press the pairing button. The red indicator will flash, and the device will enter test mode.
4. After testing, the device will return to normal operation mode.
5. If motion is detected, the indicator will light up red, and a notification will be sent to the app. If motion within the device's operating range is continuous, the device will not send a signal. If the device does not detect motion within 1 minute, it will return to normal operation mode.

Mounting

1. Ensure that your device is turned on, connected to the smart hub, and displayed in the Houself app (see the «App Connection» section).
2. Choose a location for installing the sensor; it should be positioned to cover the required zone. It is recommended to install the sensor at a height of approximately 2.2 m.

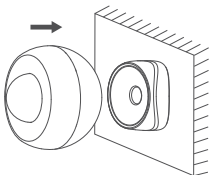
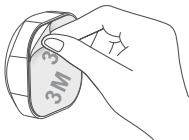


Top view



Side view

3. Remove the protective film from the magnetic base of the device and attach this base to the chosen location.
4. Install the sensor into the base.



CAUTION!

- Ensure that there are no foreign objects near the device lens. Otherwise, this may interfere with motion detection.
- If there is a wall between the device and the hub, it may reduce the pairing range.

APP CONNECTION

App Installation

The smart device can be controlled using the Houself app. To install the app, scan the QR code or download it from Google Play, App Store, AppGallery, or RuStore.



Adding the Device

1. Enable pairing mode (see the «Smart Home Hub Connection» section).
2. Connect your smartphone to a Wi-Fi network (2.4 GHz). Open the Houself app and tap the «+» button in the top right corner. Select «Add Device». It is also recommended to enable Bluetooth on your smartphone and allow the app to access your location to speed up device detection. The app will automatically find the nearest devices available for pairing.
3. If the device is not found automatically, you can add it manually. On the left, select the device brand, then the device model. Select your Wi-Fi network, enter the Wi-Fi password, and tap «Next». Follow the instructions in the app.
4. Tap «Done» when the device menu with available functions appears.
5. If an error occurs during connection, ensure that: a 2.4 GHz Wi-Fi network is used (not a mixed 5 GHz network); the WPA3 security standard is not used; and no settings restricting the connection of IoT smart devices have been applied to your Wi-Fi network configuration.

CAUTION!

- Do not use Wi-Fi in places where wireless devices are prohibited, such as airports, medical facilities, etc.
- Do not turn on your smartphone in hazardous locations, such as gas stations, fuel or chemical manufacturing plants, etc.
- Do not use devices not intended for control via a smartphone.
- If the Wi-Fi function does not work, contact an authorized service center.
- The quality of app control is affected by the smartphone, Wi-Fi network, distance from the router, and network connection quality. Therefore, if you are unable to connect the device to the app, check the Wi-Fi connection quality, the smartphone, and the distance from the router.

RULES AND CONDITIONS FOR INSTALLATION, STORAGE, TRANSPORTATION, SALE (DISTRIBUTION), AND DISPOSAL

- The installation and mounting conditions for the device are described in the «Mounting» section of this user manual.
- The device must be stored in its original packaging, on heated premises, both at the manufacturer's and at the consumer's sites. The ambient temperature should be between +5 °C and +40 °C, and the relative humidity should not exceed 80% (non-condensing). The storage area must be free from aggressive contaminants (e.g., acid or alkali vapors) that could cause corrosion.
- The device must be transported in a dry place.
- The device requires careful handling. Protect it from exposure to dust, dirt, impact, moisture, fire, and other hazards.
- Sale or distribution of the device must be carried out in accordance with local legislation.
- Upon expiration of the device's service life, it must not be disposed of with unsorted household waste. Instead, it must be taken to an authorized collection point for electrical and electronic equipment for subsequent recycling and disposal in accordance with federal or local legislation. By ensuring proper disposal of this product, you help conserve natural resources and prevent potential harm to the environment and human health that may result from improper handling. For more detailed information about collection and disposal points for this product, please contact your local municipal authorities or your household waste disposal service.
- Upon expiration of the service life of batteries supplied with the device, do not dispose of them with other household waste. Batteries must be disposed of in accordance with local waste recycling regulations to prevent potential environmental harm resulting from uncontrolled waste disposal.
- If device malfunction is detected, immediately contact an authorized service center or dispose of the device.

WARRANTY INFORMATION

The manufacturer guarantees the device will function properly throughout the warranty period and be free from defects in materials and assembly. The warranty period commences on the date of purchase and applies to new products only. Warranty service includes free repair or replacement of defective parts that fail during the warranty period, provided the failure is not caused by consumer misuse and the product is operated in accordance with the user manual. Repairs or part replacements shall be performed at authorized service centers.

Warranty Period: 12 months

Service Life: 24 months

For the up-to-date list of authorized service centers, please visit:

<https://www.dns-shop.ru/service-center/>

ADDITIONAL INFORMATION

Manufacturer: Dongguan Skoe Technology Co., Ltd.

Room 1001, Building 2, No.8 Jinfenghuang Jinxing Road, Fenggang Town, Dongguan City, Guangdong Province, China.

Made in China.

The product meets the requirements of the technical regulations of the TR CU (EAEU).

Product specifications, information and appearance are subject to change without prior notice, for quality improvement of our products.



Production date (mm.yyyy): _____ v.1

